

As a professional engineer who is also a licensed radio amateur, I must protest most strenuously allowing power-line carrier signals at this high data rate. No studies have shown that this radiation would NOT be harmful. In fact, just the opposite is true; calculations indicate severe interference in the HF radio spectrum

from this kind of operation, far in excess of what is currently allowed under Part 15 of the Rules. PLC will seriously disrupt reception of international short-wave broadcast, and destroy operations of licensed amateur radio operators in the HF spectrum. Amateur radio is too valuable a resource to this nation to ruin their spectrum with a technology, that is not needed, unproven, and has too many alternatives to be of serious value to the users. As a 30+ year professional public safety communications engineer, I urge the Commission to NOT ALLOW PLC operations on ANY power lines until the technology can be proven NOT to cause interference to ANY licensed service, as per the FCC's Rules.

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